

Converting Colors

XYZ(47.0573, 25.8633, 25.5456)

Have a look what the booklet for
XYZ(47.0573, 25.8633, 25.5456)
contains.

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Color

**XYZ(47.0273, 25.8376,
25.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3887
RGB	255, 56, 135
RGB Percent	100%, 22%, 53%
CMY	0.0000, 0.7803, 0.4706
CMYK	0.00, 0.78, 0.47, 0.00
HSL	336°, 100%, 61%
HSV	336°, 78%, 100%
XYZ	47.0273, 25.8376, 25.4302
YIQ	124.5070, 93.2450, 66.7570

Conversions

Conversions Part 2

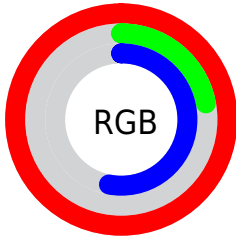
Format	Color
R_{YB}	255, 56, 135
Decimal	16726151
CIE _{Lab}	57.88, 77.00, 4.22
CIE _{LCh}	58, 77.120, 3.135
Yxy	25.8376, 0.4784, 0.2629
Android (android.graphics.Color)	4294916231 (0xFFFF3887)
YUV	124.5070, 5.1730, 114.4424
Hunter-Lab	50.8307, 76.1900, 5.9192

Details

The XYZ color **47.0273, 25.8376, 25.4302** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **45.2296, 75.4961, 53.2704**, and the grayscale version is **19.2912, 20.2958, 22.1022**.

A 20% lighter version of the original color is **57.2766, 38.8099, 52.0492**, and **23.4179, 11.8784, 9.8626** is the 20% darker color. If you saturate the color by 10%, you get **45.0846, 23.5617, 19.8210**, and if you desaturate by 10%, it is **49.7563, 29.4360, 32.0734**.

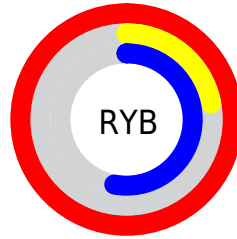
Distribution



Red (100%)

Green (22%)

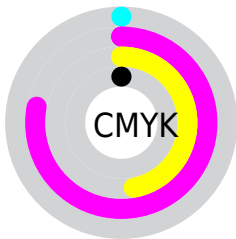
Blue (53%)



Red (100%)

Yellow (22%)

Blue (53%)

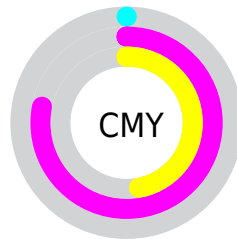


Cyan (0%)

Magenta (78%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0273, 25.8376, 25.4302 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.0273, 25.8376, 25.4302 by changing the saturation by 10% instead.


 47.0273, 25.8376,
25.4302

 47.0273, 25.8376,
25.4302


365.5706,
281.9840, 293.4896


 33.2653, 16.7022,
16.1759


 84.9729, 53.0128,
53.3270


 22.4899, 10.0224,
9.4930


 109.8871, 71.8215,
72.8067


 14.3360, 5.4138,
4.9630


 139.2495, 94.6233,
96.5318

 8.4380, 2.4920,
2.1672

 173.4253,
121.8027, 124.9211

 4.4306, 0.8727,
0.6553

 212.7800,
153.7440, 158.3929

 1.9485, 0.0000,
0.0000

257.6789,

 0.6048, 0.0000,

190.8318, 197.3659

0.0000

308.4873,
233.4503, 242.2586

■ 0.0000, 0.0000,
0.0000

■ 47.0273, 25.8376,
25.4302

■ 47.0273, 25.8376,
25.4302

■ 45.0846, 23.5617,
19.8210

■ 49.7563, 29.4360,
32.0734

■ 43.8054, 22.3733,
15.1715

■ 53.3598, 34.5228,
39.8106

■ 43.5996, 22.2038,
14.3562

■ 57.9155, 41.2444,
48.6969

■ 63.4916, 49.7279,
58.7830

■ 70.1497, 60.0879,
70.1158

■ 77.9464, 72.4294,
82.7395

■ 86.9340, 86.8493,
96.6960

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.1594, 25.8376, 58.1161



47.0273, 25.8376, 25.4302



42.7324, 25.8376, 8.4263

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0273, 25.8376, 25.4302



16.0396, 25.8376, 3.3716



17.3456, 25.8376, 102.7631

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.0273, 25.8376, 25.4302



45.2296, 75.4961, 53.2704

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.4426, 25.8376, 66.3244



47.0273, 25.8376, 25.4302



11.8329, 25.8376, 10.7837

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0273, 25.8376, 25.4302



23.5951, 25.8376, 1.7403



10.7037, 25.8376, 31.0203



25.5464, 25.8376, 116.2091

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0273, 25.8376, 25.4302



36.8919, 25.8376, 3.8570



10.7037, 25.8376, 31.0203



15.3340, 25.8376, 92.0093

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.0280, 25.8391, 25.4306



73.9283, 66.0457, 76.3055



37.2354, 19.2109, 96.3529



15.2369, 13.2102, 15.3744



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0280, 25.8391, 25.4306



44.2539, 22.7457, 16.9375



44.5326, 26.7027, 6.5504



18.3080, 18.1065, 20.2392



22.8503, 11.6294, 7.8623



2.2769, 1.1531, 1.0396

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.0280, 25.8391, 25.4306



44.2539, 22.7457, 16.9375



49.4190, 67.5358, 105.0384



18.3080, 18.1065, 20.2392



22.8503, 11.6294, 7.8623



2.2769, 1.1531, 1.0396

Previews

White Background



This preview shows how the XYZ color 47.0273, 25.8376, 25.4302 looks on a white background.

Color Contrast Check

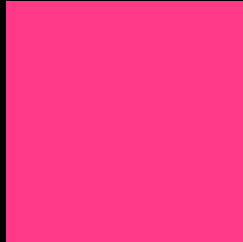
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.0273, 25.8376, 25.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0273, 25.8376, 25.4302

Background



This preview shows how black text looks on a background with the XYZ color 47.0273, 25.8376, 25.4302.



This preview shows how white text looks on a background with the XYZ color 47.0273, 25.8376,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.0273, 25.8376, 25.4302

Protanopia

26.4341, 26.1436, 47.9090

Deuteranopia

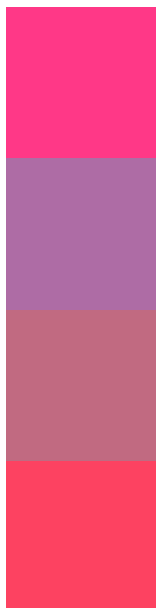
26.3273, 25.8000, 22.9943



Tritanopia

43.7668, 25.8520, 9.5206

Trichromacy



Original Color

47.0273, 25.8376, 25.4302

Protanomaly

29.6097, 22.4404, 38.3681

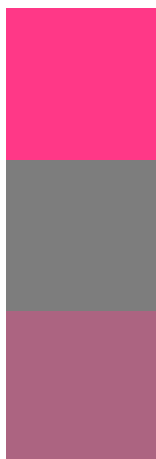
Deuteranomaly

31.1088, 23.2305, 23.6132

Tritanomaly

44.6139, 25.6421, 13.9073

Monochromacy



Original Color

47.0273, 25.8376, 25.4302

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

25.5329, 19.4700, 23.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0273, 25.8376, 25.4302 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 56, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 56, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 135) }
```

Border

The CSS property to change the border of an element to XYZ 47.0273, 25.8376, 25.4302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 56, 135) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 56, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 56, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 56, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 56, 135); box-shadow:4px 4px 4px 4px rgb(255, 56, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0273, 25.8376, 25.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 56,  
135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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